

Power-Driven Handtool Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
333991, Power-driven handtool manufacturing	2002..	108	125	12 048	428 384	8 893	16 336	249 920	1 804 868	1 822 688	3 635 656	62 329
	2001..	N	N	16 311	517 373	11 037	20 641	292 794	1 931 910	1 935 587	3 912 242	90 621
	2000..	N	N	17 216	565 494	12 458	23 032	316 969	2 493 511	2 214 623	4 656 119	116 809
	1999..	N	N	16 389	523 447	12 058	22 936	297 806	2 451 162	2 121 686	4 570 774	103 888
	1998..	N	N	16 793	553 440	12 290	23 990	322 471	2 349 697	1 954 603	4 252 332	100 504
	1997..	198	217	16 816	531 378	12 328	24 190	315 696	1 983 354	1 660 930	3 609 779	129 232

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333991, Power-driven handtool manufacturing												
United States	—	125	55	12 048	428 384	8 893	16 336	249 920	1 804 868	1 822 688	3 635 656	62 329
California	5	14	3	219	8 834	162	294	5 678	23 410	8 796	31 199	645
Illinois	—	10	6	472	21 462	394	752	17 319	130 506	92 757	223 413	3 463
Massachusetts	—	5	3	192	8 958	132	244	4 408	19 625	16 524	39 090	1 177
New York	1	6	2	311	14 332	138	325	5 392	34 735	22 149	55 874	928
Texas	—	7	3	293	13 372	213	461	9 001	29 160	16 056	47 056	406

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
333991, Power-driven handtool manufacturing	
Companies ¹	number.. 108
All establishments ²	number.. 125
Establishments with 1 to 19 employees	number.. 70
Establishments with 20 to 99 employees	number.. 29
Establishments with 100 employees or more	number.. 26
All employees ³	number.. 12 048
Total compensation	\$1,000.. 556 244
Annual payroll	\$1,000.. 428 384
Total fringe benefits	\$1,000.. 127 860
Production workers, average for year	number.. 8 893
Production workers on March 12	number.. 8 944
Production workers on May 12	number.. 8 902
Production workers on August 12	number.. 8 854
Production workers on November 12	number.. 8 860
Production worker hours	1,000.. 16 336
Production worker wages	\$1,000.. 249 920
Total cost of materials	\$1,000.. 1 822 688
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 638 362
Resales	\$1,000.. 136 206
Purchased fuels	\$1,000.. 2 878
Purchased electricity	\$1,000.. 17 976
Contract work	\$1,000.. 27 266
Quantity of electricity purchased for heat and power	1,000 kWh.. 337 189
Quantity of electricity generated less sold for heat and power	1,000 kWh.. -
Total value of shipments	\$1,000.. 3 635 656
Primary products value of shipments	\$1,000.. 2 975 236
Secondary products value of shipments	\$1,000.. 458 641
Total miscellaneous receipts	\$1,000.. 201 779
Value of resales	\$1,000.. 195 167
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 87
Value of primary products shipments made in all industries	\$1,000.. 3 276 655
Value of primary products shipments made in this industry	\$1,000.. 2 975 236
Value of primary products shipments made in other industries	\$1,000.. 301 419
Coverage ratio	percent.. 91
Value added	\$1,000.. 1 804 868
Total inventories, beginning of year	\$1,000.. 368 903
Finished goods inventories	\$1,000.. 207 346
Work-in-process inventories	\$1,000.. 74 524
Materials and supplies inventories	\$1,000.. 87 033
Total inventories, end of year	\$1,000.. 385 905
Finished goods inventories	\$1,000.. 199 817
Work-in-process inventories	\$1,000.. 73 953
Materials and supplies inventories	\$1,000.. 112 135
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 941 957
Total capital expenditures (new and used)	\$1,000.. 62 329
Buildings and other structures (new and used)	\$1,000.. 3 710
Machinery and equipment (new and used)	\$1,000.. 58 619
Automobiles, trucks, etc., for highway use	\$1,000.. 866
Computers and peripheral data processing equipment	\$1,000.. 4 619
All other expenditures for machinery and equipment	\$1,000.. 53 134
Total retirements	\$1,000.. 64 286
Gross value of depreciable assets at end of year	\$1,000.. 940 000
Depreciation charges during year	\$1,000.. 76 953
Total rental payments	\$1,000.. 26 251
Buildings and other structures	\$1,000.. 16 612
Machinery and equipment	\$1,000.. 9 639
Total other expenses ⁴	\$1,000.. 143 458
Response coverage ratio ⁵	percent.. 95
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 28 114
Communications services ⁴	\$1,000.. 5 611
Legal services ⁴	\$1,000.. 3 844
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 690
Advertising and promotional services ⁴	\$1,000.. 19 233
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 2 106
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 1 698
Management consulting and administrative services ⁴	\$1,000.. 4 250
Taxes and license fees ⁴	\$1,000.. 7 192
All other expenses ⁴	\$1,000.. 70 727

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
333991, Power-driven handtool manufacturing											
All establishments	—	125	12 048	428 384	8 893	16 336	249 920	1 804 868	1 822 688	3 635 656	62 329
Establishments with—											
1 to 4 employees	9	41	107	4 165	70	136	2 689	17 863	15 509	33 589	1 249
5 to 9 employees	9	12	79	3 520	62	120	2 295	14 683	11 597	25 956	910
10 to 19 employees	4	17	223	9 634	152	316	6 173	25 202	21 986	47 088	1 207
20 to 49 employees	—	19	598	24 287	400	764	11 122	70 235	88 330	159 656	2 757
50 to 99 employees	—	10	676	25 635	463	838	14 194	54 246	101 099	165 594	4 147
100 to 249 employees	—	13	2 241	96 282	1 646	3 438	63 030	308 444	131 312	437 904	9 277
250 to 499 employees	—	6	2 168	77 759	1 688	2 908	48 361	375 638	389 269	760 562	16 559
500 to 999 employees	—	5	h	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	2	h	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	53	203	8 589	148	288	5 613	38 456	33 746	72 177	2 690

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
333991	Power-driven handtool manufacturing .	125	12 048	428 384	8 893	16 336	249 920	1 804 868	1 822 688	3 635 656	62 329
3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	70	5 140	235 894	3 306	6 621	122 800	671 247	783 031	1 466 117	22 590
3339913	Power-driven handtools, internal combustion engine driven (including parts)	8	488	16 545	424	890	12 664	46 536	72 219	117 661	2 865
3339917	Power-driven handtools, battery-powered (cordless), including parts	7	1 701	45 371	1 279	2 090	29 491	458 439	325 027	782 170	15 329
3339919	Power-driven handtools, electric (except battery-powered), including parts	26	4 642	125 566	3 837	6 635	83 327	615 124	630 343	1 244 028	21 043

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333991	Power-driven handtool manufacturing	2002.. N 1997.. N	X X	X X	3 276 655 3 403 639
3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	2002.. N 1997.. N	X X	X X	1 086 060 953 256
33399111	Power-driven handtools, pneumatic, hydraulic, and power-actuated	2002.. N 1997.. N	X X	X X	1 073 273 948 466
3339911101	Pneumatic percussion handtools (including runners, riveters, chippers, and scalers)	2002.. 33 1997.. 11	X X	X X	71 196 30 648
3339911106	Pneumatic drills, screwdrivers, and nut-runners	2002.. 12 1997.. 11	X X	X X	77 586 125 756
3339911111	Pneumatic hand impact wrenches	2002.. 10 1997.. 7	X X	X X	D 49 945
3339911116	Pneumatic rotary hand grinders, polishers, and sanders	2002.. 15 1997.. 8	X X	X X	42 961 59 343
3339911121	Other pneumatic hand grinders, polishers, and sanders	2002.. 6 1997.. 1	X X	X X	19 561 D
3339911126	Pneumatic hand staplers	2002.. 4 1997.. 6	X X	X X	50 984 D
3339911131	Pneumatic hand nailers	2002.. 9 1997.. 5	X X	X X	265 949 151 836
3339911136	Other pneumatic-powered handtools	2002.. 27 1997.. 18	X X	X X	114 486 179 171
3339911141	Parts, attachments, and accessories for pneumatic-powered handtools (sold separately)	2002.. 26 1997.. 20	X X	X X	167 357 161 927
3339911146	Power-actuated handtools and parts	2002.. 3 1997.. 2	X X	X X	D D
3339911151	Hydraulic power-driven handtools	2002.. 12 1997.. 13	X X	X X	77 901 57 566
3339911156	Parts, attachments, and accessories for hydraulic handtools	2002.. 7 1997.. 7	X X	X X	D 22 045
3339911Y	Power-driven handtools, pneumatic, hydraulic, and power-actuated, nsk	2002.. N 1997.. N	X X	X X	12 787 4 790
3339911YVV	Power-driven handtools, pneumatic, hydraulic, and power-actuated, nsk	2002.. N 1997.. N	X X	X X	12 787 4 790
3339913	Power-driven handtools, internal combustion engine driven (including parts)	2002.. N 1997.. N	X X	X X	D D
33399131	Power-driven handtools, internal combustion engine driven (including parts)	2002.. N 1997.. N	X X	X X	D D
3339913101	Internal combustion engine driven chain saws	2002.. 2 1997.. 3	X X	X X	D D
3339913106	Other internal combustion engine-driven handtools, including cut-off saws and drills	2002.. 5 1997.. 3	X X	X X	D D
3339913111	Parts, attachments, and accessories for internal combustion engine-driven chain saws	2002.. 3 1997.. 2	X X	X X	D D
3339913116	Parts, attachments, and accessories for all other internal combustion engine-driven tools	2002.. 2 1997.. N	X X	X X	D -
3339913Y	Power-driven handtools, internal combustion engine driven (including parts), nsk	2002.. N 1997.. N	X X	X X	- -
3339913YVV	Power-driven handtools, internal combustion engine driven (including parts), nsk	2002.. N 1997.. N	X X	X X	- -
3339917	Power-driven handtools, battery-powered (cordless), including parts	2002.. N 1997.. N	X X	X X	D D
33399171	Power-driven handtools, battery-powered (cordless), including parts	2002.. N 1997.. N	X X	X X	D D
3339917101	Battery-powered (cordless) screwdrivers (without 3-jaw chuck)	2002.. - 1997.. 2	X X	X X	D D
3339917106	Battery-powered (cordless) driver-drills	2002.. 4 1997.. 5	X X	X X	352 552 D
3339917111	Battery-powered (cordless) drills	2002.. 1 1997.. 3	X X	X X	D D
3339917116	Battery-powered, cordless handsaws	2002.. 3 1997.. 3	X X	X X	D D
3339917121	Other battery-powered (cordless) handtools	2002.. 12 1997.. 4	X X	X X	204 048 D
3339917126	Parts, attachments, and accessories for battery-powered (cordless) handtools (sold separately)	2002.. 5 1997.. 6	X X	X X	10 382 14 119
3339917Y	Power-driven handtools, battery-powered (cordless), including parts, nsk	2002.. N 1997.. N	X X	X X	- 4 523
3339917YVV	Power-driven handtools, battery-powered (cordless), including parts, nsk	2002.. N 1997.. N	X X	X X	- 4 523
3339919	Power-driven handtools, electric (except battery-powered), including parts	2002.. N 1997.. N	X X	X X	1 329 811 1 597 763
33399191	Power-driven handtools, electric (except battery-powered), including parts	2002.. N 1997.. N	X X	X X	1 329 811 1 561 122
3339919101	Drills (except battery powered)	2002.. 9 1997.. 10	X X	X X	122 499 304 152

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
333991	Power-driven handtool manufacturing—Con.				
3339919	Power-driven handtools, electric (except battery-powered), including parts—Con.				
33399191	Power-driven handtools, electric (except battery-powered), including parts—Con.				
3339919104	Electric hand jig and saber saws, armature mounted on ball bearings (except battery-powered)	2002.. 5	X	X	39 046
		1997.. 4	X	X	43 979
3339919108	Electric hand circular saws, armature mounted primarily on sleeve bearings (except battery-powered)	2002.. 1	X	X	D
		1997.. 2	X	X	D
3339919112	Electric hand jig and saber saws, armature mounted on other than ball bearings (except battery powered)	2002.. 2	X	X	D
		1997.. 2	X	X	D
3339919116	Electric hand reciprocating saws (except battery-powered)	2002.. 3	X	X	D
		1997.. 9	X	X	128 801
3339919121	Electric hand circular saws, except armature mounted primarily on sleeve bearings, 7 in. (177.80 mm) blade or less (except battery-powered)	2002.. 4	X	X	3 751
		1997.. 4	X	X	D
3339919124	Electric hand circular saws, except armature mounted primarily on sleeve bearings, more than 7 in. (177.80 mm) to less than 8 in. (203.20 mm) blade (except battery-powered)	2002.. 4	X	X	107 780
		1997.. 4	X	X	98 166
3339919128	Electric hand circular saws, except armature mounted primarily on sleeve bearings, 8 in. (203.20 mm) blade or more (except battery-powered)	2002.. 5	X	X	29 604
		1997.. 4	X	X	D
3339919132	Electric hammers, percussion and rotary, without drill chuck (except battery-powered)	2002.. 4	X	X	2 490
		1997.. 3	X	X	D
3339919136	Electric screwdrivers and nut-runners (except battery-powered)	2002.. 5	X	X	34 363
		1997.. 8	X	X	58 938
3339919141	Electric hammers-drills, with drill chuck (except battery-powered)	2002.. 2	X	X	D
		1997.. 5	X	X	61 577
3339919144	Electric hand right angle polishers, circular sanders, and grinders, less than 7 in. wheel drive (except battery-powered)	2002.. 5	X	X	65 311
		1997.. 5	X	X	56 386
3339919148	Electric hand impact wrenches (except battery-powered)	2002.. 4	X	X	22 956
		1997.. 4	X	X	9 868
3339919152	Electric hand right angle polishers, circular sanders, and grinders, 7 in. wheel drive or more (except battery-powered)	2002.. 3	X	X	D
		1997.. 5	X	X	20 907
3339919156	Electric hand shears and nibblers (except battery-powered)	2002.. 4	X	X	11 367
		1997.. 6	X	X	9 861
3339919161	All other electric hand polishers, circular sanders, and grinders, including die grinders (excluding bench) (except battery-powered)	2002.. 5	X	X	5 856
		1997.. 5	X	X	D
3339919164	Electric hand planers (except battery-powered)	2002.. 3	X	X	12 329
		1997.. 3	X	X	10 707
3339919168	Electric hand belt sanders (except battery-powered)	2002.. 4	X	X	33 548
		1997.. 5	X	X	41 652
3339919172	Parts, attachments, and accessories for electric-powered handtools (except battery powered) (sold separately)	2002.. 19	X	X	105 436
		1997.. 22	X	X	122 277
3339919176	Electric hand chain saws (except battery-powered)	2002.. 1	X	X	D
		1997.. 4	X	X	25 262
3339919181	Electric hand oscillating, reciprocating, vibrating, and random orbit sanders (except battery powered)	2002.. 3	X	X	D
		1997.. 5	X	X	73 749
3339919184	Other electric-powered handtools (except battery-powered)	2002.. 21	X	X	334 012
		1997.. 22	X	X	146 897
3339919188	Electric hand routers, less than 1/2 in. collet size (maximum collet capacity) (except battery-powered)	2002.. 3	X	X	68 454
		1997.. 4	X	X	63 278
3339919192	Electric hand routers, 1/2 in. collet size (maximum collet capacity) or more (except battery-powered)	2002.. 5	X	X	63 132
		1997.. 3	X	X	11 172
3339919Y	Power-driven handtools, electric (except battery-powered), including parts, nsk	2002.. N	X	X	—
		1997.. N	X	X	36 641
3339919YVV	Power-driven handtools, electric (except battery-powered), including parts, nsk	2002.. N	X	X	—
		1997.. N	X	X	36 641
333991W	Power-driven handtool manufacturing, nsk, total	2002.. N	X	X	29 495
		1997.. N	X	X	128 367
333991WY	Power-driven handtool manufacturing, nsk, total	2002.. N	X	X	29 495
		1997.. N	X	X	128 367
333991WYWW	Power-driven handtool manufacturing, nsk, for nonadministrative-record establishments	2002.. N	X	X	19 014
		1997.. N	X	X	48 348
333991WYWY	Power-driven handtool manufacturing, nsk, for administrative-record establishments	2002.. N	X	X	10 481
		1997.. N	X	X	80 019

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p–10 to 19 percent estimated; q–20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3339911	Power-driven handtools, pneumatic, hydraulic, and power-actuated	
	United States..... 2002..	1 086 060
	..... 1997..	953 256
	California..... 2002..	37 269
	..... 1997..	41 747
	Illinois..... 2002..	77 269
	..... 1997..	47 299
	Massachusetts..... 2002..	41 651
	..... 1997..	44 175
	Texas..... 2002..	37 339
	..... 1997..	N
3339913	Power-driven handtools, internal combustion engine driven (including parts)	
	United States..... 2002..	D
	..... 1997..	D
3339917	Power-driven handtools, battery-powered (cordless), including parts	
	United States..... 2002..	D
	..... 1997..	D
3339919	Power-driven handtools, electric (except battery-powered), including parts	
	United States..... 2002..	1 329 811
	..... 1997..	1 597 763
	California..... 2002..	5 898
	..... 1997..	17 646
	New York..... 2002..	2 067
	..... 1997..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
333991	Power-driven handtool manufacturing		
00900001	Total materials .....2002..	X	1 638 362
	.....1997..	X	1 368 054
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	19 948
	.....1997..	X	88 854
33200051	Other fabricated metal products (excluding fluid power products and forgings) .....2002..	X	139 459
	.....1997..	X	N
33210000	Forgings .....2002..	X	45 585
	.....1997..	X	N
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	89 269
	.....1997..	X	52 980
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished) .....2002..	X	101 026
	.....1997..	X	61 476
33152003	Other nonferrous metalcastings, rough and semifinished (excluding aluminum and aluminum-base alloy).....2002..	X	9 679
	.....1997..	X	11 663
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002..	X	25 048
	.....1997..	X	70 689
33120085	All other steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	49 661
	.....1997..	X	25 686
331000AJ	Nonferrous metal shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	2 347
	.....1997..	X	2 343
331000A3	Insulated copper wire and cable (excluding magnet wire) .....2002..	X	15 989
	.....1997..	X	19 104
33100097	Magnet wire .....2002..	X	26 946
	.....1997..	X	49 338
33531201	Electric motors and generators .....2002..	X	146 180
	.....1997..	X	48 541
33591101	Storage batteries .....2002..	X	D
	.....1997..	X	119 488
33299101	Ball and roller bearings (mounted or unmounted) .....2002..	X	D
	.....1997..	X	50 042
33361200	Mechanical speed changers, gears, and industrial high-speed drives .....2002..	X	33 853
	.....1997..	X	50 836
32610011	Fabricated plastics products (excluding gaskets) .....2002..	X	138 896
	.....1997..	X	114 143
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	39 199
	.....1997..	X	43 284
001900A1	Packaging paper and plastics film, coated and laminated .....2002..	X	20 552
	.....1997..	X	15 024
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	609 604
	.....1997..	X	459 813
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	5 030
	.....1997..	X	84 750

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.